

REMARKS

This communication is responsive to the Official Action of November 5, 2004.

Applicant notes with appreciation the Examiner's careful consideration and allowance of claims 33 through 44. Applicant has cancelled claims 1-6 and 25-32.

Applicant has amended claim 7 to now recite "providing an intermediate element including a plurality of solid elongated ferromagnetic rods extending side-by-side in a lengthwise direction with a dielectric material therebetween." Applicant respectfully submits that no new matter is added by the amendment to claim 7.

In the Official Action, the Examiner maintained his rejection of claims 7-24, over *Sasaki* (U.S. Patent No. 3,813,767) and *Rudd, et al* (U.S. Patent No. 3,849,878).

The Examiner also responded to applicant's argument in the amendment of August 9, 2004 by noting "that the ferromagnetic rods being 'substantially solid' (line 4 of Claim 7) does not preclude the core wires 11 of *Sasaki* from being hollow. While it appears that *Sasaki* does show the core wires 11 as being hollow (for example in Fig. 1c), the term 'substantially' does not positively require to what degree the ferromagnetic rods must be solid." (Official Action, pg. 5.) Applicant agrees with the Examiner that the core wires 11 or 15 of *Sasaki* are indeed hollow.

In particular, *Sasaki* discloses that the core wire may comprise a metal such as copper, phosphor bronze or beryllium copper. (*Sasaki*, col. 5, lns. 27-39). *Sasaki* also discloses that the core wire may comprise an organic material such as a resin. (*Id.*) *Sasaki*, however, does not disclose that the core wire as being a ferromagnetic rod. As such, *Sasaki* teaches applying a thin layer of magnetic material to the core wire and removing the core wire to form the annular magnetic core, which

is the end product of *Sasaki's* invention. (*Id.*, col. 3, lns. 30-32; col. 6, lns. 4-15)

Accordingly, applicants respectfully submit that claim 7, as amended, is not anticipated by *Sasaki*. In particular, *Sasaki* does not disclose "providing an intermediate element including a plurality of solid elongated ferromagnetic rods." In addition, *Rudd* does not make up for this deficiency in *Sasaki*. Therefore, *Rudd* and *Sasaki* cannot be combined in any manner to render claim 7 obvious.

Inasmuch as claims 8 through 24 depend directly or indirectly from claim 7, applicant respectfully submits that these claims are also not anticipated or rendered obvious by either *Sasaki* or *Rudd*, individually or in combination.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance of claims 7-24 are earnestly solicited. If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he telephone applicant's attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

By

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